

U.S. DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY

Loma Prieta, California, earthquake: Video images

By

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Open File Report 92-435

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### **Summary:**

This video program is a 53-minute collection of video images related to the Loma Prieta, California, earthquake of October 17, 1989. Most of the footage was filmed within minutes of the earthquake or a few weeks thereafter.

The videotape is available in VHS format from the U.S. Geological Survey, Open-File Reports-ESIC, Box 25286, Federal Center, Denver, CO 80225-0046, or from the U.S. Geological Survey Libraries in Menlo Park, Calif., Denver, Colo., and Reston, Va. To obtain professional formats, contact Mike Moore, U.S. Geological Survey Photo Library, MS 955, Menlo Park, CA 94025-3591.

# LOMA PRIETA EARTHQUAKE: VIDEO IMAGES

## VIDEOTAPE LOG

U.S. Geological Survey Open File Report  
Produced by Doug Prose

<u>TIME</u>	<u>DESCRIPTION OF SCENES</u>
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min:sec

BEGIN

0:15	Golden Gate Bridge, San Francisco.
0:32	San Francisco.
0:46	Loma Prieta Mountain.
1:07	City of Santa Cruz.
1:16	Coastline near Santa Cruz.
	Bay Bridge, San Francisco.

*Scenes of October 17 and pre-dawn October 18, 1989*

1:24	World Series Day at Candlestick Park, October 17, 1989.
1:57	Drum helicorder at USGS Menlo Park recording earthquake.
2:00	Several scenes shot during earthquake.
3:01	San Francisco's Tenderloin District, minutes after quake.
3:43	Aerials of Marina District fire.
4:00	Players & wives on field at Candlestick Park.
4:28	KGO-TV Reporter Leslie Brinkley reporting live from Bay Bridge.
4:50	Aerials of Bay Bridge damage, with traffic backing up near collapse.
5:20	Rescue of people in car that flew over collapsed section of Bay Bridge.
6:45	KGO-TV live broadcast of collapsed Cypress Section of I-880 freeway.
7:33	KGO-TV Anchorperson Cheryl Jennings interview.
8:00	Cypress Structure damage, minutes after quake.
8:20	Aerial of fire in Berkeley.
8:37	Marina District, post-quake events on October 17.
9:20	Collapsed building on 6th and Townsend - San Francisco.
10:00	Marina District scenes, continuing into evening.
12:32	KGO-TV's Tony Russomanno live at Santa Cruz Pacific Garden Mall.
13:30	City of Santa Cruz - Mall damage and Red Cross shelter.
14:16	<i>End news footage recorded before daybreak, October 18.</i>
14:20	Thomas Holzer, USGS Geologist, interview.
14:30	USGS personnel planning strategy on evening of quake.
14:50	Geologists looking for fault ruptures in the Santa Cruz Mountains.
15:41	USGS staff working on quake studies at Menlo Park.
16:01	Dallas Peck, USGS Director, interview.
16:30	Malcolm Clark, USGS Geologist, interview.
17:35	Offset roads - left-lateral cracks, on Morrill and Summit Roads.
18:33	Television crews at large crack on the Tranbarger property, Summit Rd.
18:51	Harry Fuller, KGO-TV News Director, interview.
19:05	KGO-TV newsroom, San Francisco.
19:28	Carol Ivy, KGO-TV Reporter, interview.
19:46	Geologists in the field, 1 - 4 days after earthquake.
20:29	Andre Sarna-Wojcicki, USGS Geologist, interview.
20:39	Large crack on Tranbarger property.
21:19	Summit Road eyewitnesses, interview.
21:39	Summit Road eyewitnesses (sequence of interviews).
24:51	USGS geologists mapping ruptures near Summit Road.
25:57	Cypress Structure, I-880, near Oakland - scenes of collapse (voice of Thomas Holzer speculating on reasons for collapse).

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26:43 Jet taking off at San Francisco International Airport.  
27:05 David Wilson, Ass't Public Affairs Officer, SFO, interview.  
28:05 Marina District, October 18- scenes of damage.  
28:50 John Tinsley, USGS Geologist, interview.  
29:00 Sand Boils and cracking due to liquefaction, Marina District.  
29:47 Tom Brokaw, NBC News, doing live broadcast in Marina District.  
30:15 Damaged houses on Blue Ridge Road, near Boulder Creek.  
31:02 Eyewitness, Rebecca Drive, near Boulder Creek.  
32:07 Gary Griggs, Univ. of California, Santa Cruz, Geologist, interview.  
32:50 Damaged houses in Santa Cruz Mountains.  
33:23 Pacific Garden Mall, Santa Cruz damage.  
34:30 Highway 1 bridge collapse over Struve Slough, near Watsonville.  
35:17 Red Cross Shelter, Pajaro (near Watsonville).  
35:37 Shelter Manager, Pajaro, interview.  
36:20 Damaged houses in Watsonville.  
36:39 Red Cross Shelter, Ramsay Park, Watsonville.  
37:00 Shelter inhabitants, interviews (in Spanish):  
1) Man and daughter lost home, spent 5 nights in car after quake.  
2) Couple lost home, and were told to find new place to live.  
37:20 Shelter Manager, Watsonville, interview.  
37:42 Landslides on Highway 17.  
38:10 William Brown, III, USGS Geologist, interview.  
38:30 Landslides on Hwy. 17, by Summit Road overpass.  
38:45 Coastal bluffs, near Pescadero.  
39:04 Earth slumps in Via Del Monte, near quake epicenter.  
39:23 Cracks spreading due to rain, on Blue Ridge Road.  
39:40 Landslide across Old San Jose-Soquel Road, near quake epicenter.  
40:38 Reid Fisher, USGS Geologist, doing field work and interview.  
40:50 Ralph Haugerud, USGS Geologist, interview.  
41:30 Aerial of fallen tower at St. Joseph's Seminary, Santa Clara.  
41:40 Damage at Maryknoll Convent, Santa Clara.  
41:50 Los Gatos damage.  
42:22 Steve Ellen, USGS Geologist, interview.  
42:40 Buckled sidewalks and roads in Santa Clara County.  
43:13 Telemetry Room, USGS Menlo Park.  
43:35 Seismometer - close-up view.  
43:50 Don Ritchey, Electronic Specialist on contract to USGS, interview.  
44:20 Deployment of seismometer in forest.  
45:54 Steve Walter, USGS Seismologist, interview.  
46:16 California Seismic Network computer processing room, Menlo Park.  
46:35 Animation of earthquake and aftershocks, by Fred Klein & Steve Walter.  
46:40 Michael Rymer, USGS Geologist, interview.  
47:10 Nail array measurements in field.  
48:00 Allan Lindh, USGS Seismologist, interview.  
48:30 Robert Wallace, USGS Geologist (retired), interview.  
49:22 Peter Ward, USGS Seismologist, interview.  
49:50 1906 San Francisco Earthquake damage.  
50:30 Two women walk on rupture, Earthquake Trail, Point Reyes National Seashore.  
50:39 William Kockleman, USGS Land-Use Planner, interview.  
51:20 Robert Wallace, interview.  
52:38 Credits.  
53:00 END.